3451

R/V DAN MOORE STATION LOG

VESSEL (1)	STATION (2-5)	CRUISE NO. (6-8)	MO. (9-14)	DAY	YEAR	GRID (15-17)	LATITUDE (18-21)	LONGITUDE (22-25)
M	3451	039	02	14	78	25AK	3505	7559

DEPTH (26-29)	SUR. TEMP. (30-31)	BTM TEMP. (32-33)	AIR TEMP (34-35)	BAROMETER (36-38)	BT (39)	WIND DIR. (40-41)	WIND SPD. (42-43)
0003	06	06	07	993	Y	NW	20

S.C. (44)	WEA. (45-46)	BTM TYPE (47-48)	BTM REG (49)	GEAR TYPE (50-51)	GEAR SIZE (52-54)	OP (55)	TM. START (56-57)	MIN. FISHED (58-60)
3	OC	SA	S	FT	151	—	15	030

RIG (61-62)	TOTAL FINFISH (63-67)	TOTAL CRUSTACEANS (68-71)	TOTAL SHELLFISH (72-75)	TOTAL OTHER (76-80)
01	00020	0000	0000	00000

RIG (61-62)	TOTAL FINFISH (63-67)	TOTAL CRUSTACEANS (68-71)	TOTAL SHELLFISH (72-75)	TOTAL OTHER (76-80)
—	—	—	—	—

POSITION	LATITUDE	LONGITUDE	LORAN		DEPTH fms	C/C	TIME ON STATION	
			3H6	3L1			PO	DO
START	35°05'	75°59'	1298	4845	3		1518	1519
							PU	ON
FINISH	35°06'	75°54'	1272	4844	5		1549	1552

LENGTH WARP	SHAFT RPM	PITCH	GEAR DATA:
50	1300/5	50	

SPECIAL MODIFICATIONS

OPERATIONAL COMMENTS

OBSERVATIONS

Positive Anadromous

2 Sturgeon - Tagged and release

2 Blueback (1 Juv.) (1 Ad) 3 Alewife (Juvs.)

1 Am. Shad (Juv.)

Species: *Alosa aestivalis*

STATION: 3451
GRID: 25 AK
DATE: 14 Feb 78

Specimen #	FORK LENGTH (MM)	SEX	SCALES OR OTOLITHS	AGE	SPAWNING MARKS	REMARKS
1	171	♂				Area III
2	85	UNK	—			
3						
4						
5						
6						
7						
8						
9						Inshore
10						
11						
12						
13						
14						
15						
16						
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48						
49						
50						

Species: Alosa pseudoharengus

STATION: 3451
GRID: 25AK
DATE: 14Feb'78

Specimen #	Fork Length (mm)	Sex	Scales or Otoliths	Age	Spawning Marks	Remarks
1	103	Unk				Area III
2	124	"				
3	94	"				
4						
5						
6						
7						
8						
9						
10						
11						
12						Inshore
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
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24						
25						
26						
27						
28						
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45						
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48						
49						
50						

Species: Alosa sapidissima

STATION: 3451
GRID: 25AK
DATE: 14 Feb '78

Specimen #	Fork Length (mm)	Sex	Scales or Otoliths	Age	Spawning Marks	Remarks
1	108	UNK				Area III
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						Anchored
13						
14						
15						
16						
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21						
22						
23						
24						
25						
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27						
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Species: [illegible]

STATION: 3451
GRID: 25AK
DATE: [illegible]

Specimen #	Fork Length (mm)	Sex	Scales or Otoliths	Age	Spawning Marks	Remarks
1	749	[illegible]				[illegible]
2	610	[illegible]				Area III
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
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50						

FIN	CRUST	SHELL	OTHER
19.4	0		

R/V DAN MOORE SPECIES LIST

STA. NO. 3451 DATE 14 Feb 19 78 BIOLOGISTS [illegible]

TOT. CATCH WT. 19.4 AIR — SURFACE 5 m BOTTOM

SAMPLE WT. — RAISING FACTOR — GRID 25 AK

		SUBSAMPLE		TOTAL			
SPECIES	C or NC	NUMBER	WEIGHT	NO.	WT.	$\bar{X}$ WT	REMARKS
[illegible]				–		<0.1	
[illegible]				2	11.5	[illegible]	
[illegible]						<0.1	
[illegible]					1	[illegible]	
[illegible]						<0.1	
[illegible]					[illegible]	<0.1	

ANADROMOUS FISH TAGGING & RELEASE DATA

Station No. 3451

Date 14 Feb 78

Area of Release 4m. NNW Ocracoke Sea Buoy

LORAN Start 3H6 1298 3U 4845 4fm

Finish 3H6 1272 3U 4844 6fm

Tot. Fish Captured 2

Tot. Fish Tagged 2

No. Retained for analysis 0

Gear Type 151' Wing trawl

TAG. NO.	Weight Lbs.	Ozs.	F.L. (cm)	Species	Remarks
00791	7.0 lbs	3.16	749	A. [illegible]	
00792	4.5 lbs	2.04	610	" "	

[illegible] - FREQUENCY DISTRIBUTION

SPECIES: Alosa [illegible]

STATION: 34[illegible]

DATE: 2/14/78

LOCALITY: Area III 25 [illegible]

T. L.	♂	♀	JUV		T. L.				
50-59.9					550-				
60-					560-				
70-					570-				
80-			1	Nonquant	580-				
90-					590-				
100-					600-				
110-					610-				
120-					620-				
130-					630-				
140-					640-				
150-					650-				
160-					660-				
170-	1				670-				
180-					680-				
190-					690-				
200-					700-				
210-									
220-									
230-					TOTAL	N = 2			
240-									
250-						[illegible]	♂	1	[illegible]
260-									
270-						nonquant	juv	1	55
280-									
290-									
300-									
310-									
320-									
330-									
340-									
350-									
360-									
370									
380-									
390-									
400-									
410-									
420-									
430-									
440-									
450-									
460-									
470-									
480-									
490-									
500-									
510-									
520									
530-									
540-									

PAGE ___ OF ___

LENGTH - FREQUENCY DISTRIBUTION

SPECIES: Alosa sapidissima

STATION: 3451

DATE: 2/14/78

LOCALITY: Area III 25AK

T.L.					T.L.				
50-59.9					550-				
60-					560-				
70-					570-	JUV	NON QUALIT		
80-					580-				
90-					590-		N = 1	RANGE 10%	
100-					600-				
110-					610-				
120-					620-				
130-					630-				
140-					640-				
150-					650-				
160-					660-				
170-					670-				
180-					680-				
190-					690-				
200-					700-				
210-									
220-									
230-					TOTAL				
240-									
250-									
260-									
270-									
280-									
290-									
300-									
310-									
320-									
330-									
340-									
350-									
360-									
370-									
380									
390-									
400-									
410-									
420-									
430-									
440-									
450-									
460-									
470-									
480-									
490-									
500-									
510-									
520									
530-									
540-									

PAGE ___ OF ___

LENGTH - FREQUENCY DISTRIBUTION

SPECIES: *Alosa pseudoharengus*

STATION: 3451

DATE: 2/14/78

LOCALITY: Area III 25AK

T.L.	♂	♀	UNSEX	COMB	T.L.
50-59.9					550-
60-					560-
70-					570-
80-					580-
90-					590-
100-					600-
110-					610-
120-			1	1	620-
130-					630-
140-			N=1	N=1	640-
150-					650-
160-					660-
170-					670-
180-					680-
190-					690-
200-					700-
210-					
220-					
230-					TOTAL
240-					
250-					
260-					
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350-					
360-					
370					
380-					
390-					
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460-					
470-					
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500-					
510-					
520					
530-					
540-					

NON QUANT JUVS

N=2 RANGE 94-103

UNSEX N=1 RANGE 124

PAGE ___ OF ___

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